

Ali Mohamed Abouzeid

Architectural engineering student · Cairo University · graduating summer 2027

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Final-year architectural engineering student who designs buildings and builds the digital tools around them. Site experience on Orascom's Maspero Towers and TMG's Madinaty; studio work from a cardiac hospital to a community-led graduation project in Siwa. Works across design, site and code, from a Revit model to the app the client uses.

EXPERIENCE

Stallion Construction & Manufacturing · Architect & Lead Software Engineer Cairo · May 2026 – present

- Lead the build of Stallion CM, the company's client app (iOS, Android, web): project progress, payments and client-staff messaging, in use by clients.
- Built websites and internal tools for the group, including the online store of sister company Gravin Wood.
- Support design development and site follow-up on company projects.

Talaat Moustafa Group · Site Engineering Intern Madinaty, New Cairo · Jan 2026

- Checked execution against drawings and tracked quantities and progress across several buildings in an under-construction phase of Madinaty.
- Coordinated subcontractors on daily work and material deliveries, and followed finishing works and snagging before unit handover.

Orascom Construction · Site Engineering Intern Maspero Towers, Cairo · Aug 2025

- Checked rebar, formwork and finishes against shop drawings ahead of inspections and concrete pours, and marked up drawings to coordinate between trades.
- Measured quantities, updated daily progress reports, and joined site inspections and safety walk-arounds on a high-rise project in downtown Cairo.

True Touch · Scale-model maker (family studio) Cairo · 2019 – present

- Build architectural scale models for large developments using laser-cut acrylic and 3D-printed parts.

Earlier Customer support, Teleperformance–Verizon (2022–23) · Freelance IT support for small offices (2021–present) · Maths & ICT teaching assistant, Dar El Tarbia Schools (2020–22)

EDUCATION

Cairo University, Faculty of Engineering · B.Sc. Architectural Engineering & Technology 2021 – 2027

- **Graduation project (team of 5):** Closing the Salt Cycle, Siwa Oasis — six building types that turn drainage salt into a local resource. I led the problem statement and the five-site comparison.
- **Studio work:** Helwan Cardiac Hospital (Design 5) · conservation school for the Fustat Cultural Hub (Design 4) · La Pianta, a residential masterplan for about 5,430 residents (Site Planning) · a full working-drawing set (Building Construction 4) · daylight and energy optimisation of an office building (Integrated Building Systems).

Dar El Tarbia Schools · IGCSE — 8 A* and 1 B 2015 – 2021

LEADERSHIP

Rotaract Club of Cairo Zamalek (District 2451) · Co-founder & Treasurer 2024 – present

- Co-founded the club in May 2024 and have served as treasurer every year since: budget, dues and event spending, with regular financial reports to the board.
- Treasurer of our flagship fundraiser with the Empowerise Initiative (April 2026): managed its finances and helped secure sponsorships; EGP 240,000 raised through donations and an art auction, delivered in full to ESMA Animal Shelter.
- Budget and track every club event (EGP 1,000–50,000), from professional-development talks to Beyond African Borders, a session with Rotaract Africa's Egypt team on international collaboration (2026); our events have hosted public figures and three European ambassadors.
- Support district events, including the Rotaract Mediterranean handover weekend hosted by our district (2026), with planning and on-the-day logistics.

SKILLS

Advanced Revit · AutoCAD · 3ds Max · Enscape · D5 Render · Grasshopper · Ladybug & Honeybee · Canva · Python · web and mobile apps (TypeScript, React Native, PHP)

Proficient SketchUp · Rhino · Lumion · Photoshop · Illustrator · InDesign · Affinity

Making Physical scale models · laser cutting · 3D printing · Arduino-driven kinetic prototypes

Languages Arabic (native) · English (fluent)